

California Energy Commission



CLASSIFICATION: Associate Energy Specialist (FO)
Will consider Energy Analyst
Will consider a Training & Development (T&D) Assignment

TENURE/TIME BASE: Permanent/Full Time

SALARY: Associate Energy Specialist: \$4,400 - \$5,468
 Energy Analyst: Range A: \$2,817 - \$3,449
 Range B: \$3,050 - \$3,758
 Range C: \$3,658 - \$4,532

LOCATION: Energy Assessments Division, Demand Analysis Office
 Sacramento

FINAL FILING DATE: Until Filled

The overarching mission of the Energy Commission's Demand Analysis Office is to provide accurate and timely energy demand forecasts in the electricity, natural gas, and transportation sectors to policy makers in California. The office collects and analyzes data on electricity and natural gas consumption for residential and commercial sectors and gasoline, diesel, ethanol, electricity, natural gas, and hydrogen for the transportation sector. The office forecasts total and peak energy consumption by sector and the demand for traditional and alternative transportation fuels. The office analyzes the relationships between weather and peak electricity use, whether utilities have adequate year-ahead resources to meet demand, and estimates conservation impacts of existing and proposed utility programs as well as from building and appliance standards. The Demand Analysis Office makes use of forecasting models to perform technical analyses to explain how energy is used in California. This vacancy is in the Transportation Energy Forecasting Unit and the successful applicant will be part of a small team who forecast and analyze the demand for petroleum-based and alternative transportation fuels and vehicle technologies. This is an exciting opportunity to observe and analyze the significant growth in alternative fuels and vehicle technologies expected in the near future.

DUTIES/RESPONSIBILITIES

Under the general supervision of the Energy Commission Supervisor II (FO), the incumbent serves as part of an interdisciplinary team for economic and statistical analyses of transportation energy markets and forecasts of transportation energy demand. The incumbent independently performs a variety of complex technical and analytical tasks using proprietary forecasting computer models and other software applications to analyze data and prepare technical reports and analytical assessments of transportation energy markets.

- Gather and analyze data inputs used in the Energy Commission's proprietary transportation energy demand forecasting model. Maintain a database of historical data relevant to transportation energy demand forecasting. Use a variety of tools, including various computer models in the development and analysis of transportation energy demand forecasts for petroleum-based and alternative fuels in California. Work with other staff in an ongoing effort to analyze and improve the data and model parameters.
- Collect and prepare data into formats compatible with those used by the various transportation fuels forecasting models. Work with both internal and external parties in managing changes, improvements, and bug fixes to the forecasting models.

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- Prepare economic and statistical analyses of transportation energy markets and demand forecasting and prepare technical reports and analytical assessments regarding transportation energy sectors. Prepare and disseminate information on data, methods, assumptions, and transportation energy demand for Energy Commission management, Commissioners, and the general public.

DESIRABLE EXPERIENCE/QUALIFICATIONS: The successful applicant should have:

- Excellent interpersonal skills and the ability to successfully work within a larger team environment.
- Ability to communicate complicated information in a simple, consumer friendly manner.
- Ability to effectively write and edit technical program information.

WHO MAY APPLY: Eligible candidates who are current state employees with status in the above classification, lateral transfers from an equivalent class who meet the minimum qualifications of this classification, former state employees who can reinstate into this class or persons who are reachable on a current employment list for this classification. Appointment is subject to the provisions of the SROA process: SROA/SURPLUS/ REEMPLOYMENT candidates are encouraged to apply and must attach a copy of their status letter in order to be considered. Applications will be screened and the most qualified may be contacted for an interview.

Interested applicants must submit a completed Standard State Application (Form STD. 678) with an original signature, to the contact/address listed below. Electronic applications will not be accepted. **You must clearly indicate the basis of your eligibility (i.e., list, transfer, SROA/Surplus, reinstatement, etc.), RPA #620-101 and Position #620-4598-017 in the "Explanation Section" of the STD. 678.**

Please Note: Possession of the minimum qualifications will be verified prior to the interview and/or appointment. If it is determined an applicant does not meet the minimum qualifications, the application may be forwarded to the State Personnel Board for review and the applicant's name may be removed from the eligibility list.

SUBMIT APPLICATIONS TO:

California Energy Commission
Attn: J. Scott (RPA 620-101)
1516 9th Street, MS-3
Sacramento, CA 95814

View full Duty Statements:
<http://www.energy.ca.gov/careers/jobs.html>

For additional questions regarding this recruitment, you may contact (916) 654-3962 or email personnel@energy.ca.gov.

California Relay (Telephone) Service – TDD Phones: 1-800-735-2929 and Voice Phones: 1-800-735-2922